From: Herrera, Angeles [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8AA7EA9BF6C74F0783906F40A4252630-AHERRERA]

Sent: 3/7/2019 10:56:31 PM

To: Kwok, Frances [Kwok.Frances@epa.gov]

Subject: Fwd: Revised 3-5-2019 Draft letter to Laura Duchnak incorporating EM's comments

Attachments: 2019-3-06 Hunters Point path forward cover letter DRAFT.docx; ATT00001.htm; 2019-3-05 Parcel G Path Forward

Attachment DRAFT.docx; ATT00002.htm

Please print me two copies of email, letter and attachment. Thxs

Sent from my iPhone

Begin forwarded message:

From: "Herrera, Angeles" < Herrera. Angeles@epa.gov>

Date: March 6, 2019 at 2:17:25 PM PST

To: Enrique Manzanilla < <u>Manzanilla</u>. Enrique @epa.gov>

Cc: "Maldonado, Lewis" < Maldonado. Lewis@epa.gov>, "Sanchez, Yolanda"

<Sanchez.Yolanda@epa.gov>, "LEE, LILY" < LEE.LILY@EPA.GOV>, "Brianna Fairbanks

(fairbanks.brianna@epa.gov)" <fairbanks.brianna@epa.gov>, "Thomas Butler

(<u>Butler.Thomas@epa.gov</u>)" < <u>Butler.Thomas@epa.gov</u>>, "Chesnutt, John" < <u>chesnutt.john@epa.gov</u>>

Subject: FW: Revised 3-5-2019 Draft letter to Laura Duchnak incorporating EM's comments

The team revised the letter and attachment to incorporate most of your changes with the following two exceptions:

You requested that we add the year for the last PRG's update...

Background: In 2016, EPA internally evaluated the 2006 RG's using the then-current PRG Calculator version and found the associated risks still were in the NCP risk range. The most significant changes that caused the 2006 RGs to first exceed the NCP risk range occurred in May and July 2017, which is after the 2013 most recent 5YR but before the current effort began on the 2018 5YR. These updates created different ways to model the risks associated with decay products, depending on how long the parent radionuclide persists in the environment. For example, Ra-226 has a half life of 1600 years, so it will produce decay products for a very long time, but Co-60 has a half-life of 5 years, so it will produce decay products for a much shorter time. The Navy told us verbally on 2/21 that their way of running their alternative model does not assume the long-term

Here is a suggested new sentence for consideration:

EPA updates the PRG Calculator as science and policy evolve; such as, a significant change in 2017 that better captures long-term risks in buildings.

2ND PAGE OF ATTACHMENT

"Second, EPA is prepared, pending addressing a few minor technical details, to approve the portions of the Parcel G *Work Plan* dated November 2, 2019, that relate to testing (sampling and scanning) at soil reference background locations, both onsite and offsite."

You requested that we change "that" to "which." We should use "that" instead of "which" because "relate to testing..." is necessary to define "portions." So it is a restrictive clause that affects the central meaning of the sentence. Therefore we did not make this change.

Please let us know if you approve the revised letter and attachment, and if you would like me to send it to Hq's folks.

Thanks, Angeles

From: Sanchez, Yolanda

Sent: Wednesday, March 06, 2019 9:50 AM **To:** Herrera, Angeles Herrera.Angeles@epa.gov

Cc: Chesnutt, John < Chesnutt. John@epa.gov>; LEE, LILY < LEE. LILY@EPA.GOV>; Yogi, David < Yogi. David@epa.gov>; Butler, Thomas < Butler. Thomas@epa.gov>; Maldonado, Lewis < Maldonado. Lewis@epa.gov>; Fairbanks, Brianna < Fairbanks. Brianna@epa.gov>

Subject: RE: Revised 3-5-2019 Draft letter to Laura Duchnak incorporating EM's comments

Angeles,

Lily is stuck in meetings this morning. She asked me to generate a new clean cover letter, with the revised sentence previously discussed over email this morning (attached). I also included the Attachment, which has no changes since Lily's version (last night) sent to the site attorneys.

Yolanda

From: Herrera, Angeles

Sent: Tuesday, March 5, 2019 4:44 PM

To: LEE, LILY < LEE.LILY@EPA.GOV>; Sanchez, Yolanda < Sanchez.Yolanda@epa.gov>; Yogi, David < Yogi.David@epa.gov>; Fairbanks, Brianna < Fairbanks.Brianna@epa.gov>; Butler, Thomas < Butler.Thomas@epa.gov>; Maldonado, Lewis < Maldonado.Lewis@epa.gov>; Chesnutt, John < Chesnutt.John@epa.gov>

Subject: FW: 3-4-2019 Draft letter to Laura Duchnak--EM's comments!

Thank you for all your efforts in drafting the letter. I know all of you worked multiple hours drafting numerous versions of it. I really appreciated. Your work paid off as it met EM's expectations. Attached are his minor comments. I don't know who has the latest version of it, please come by my office so we can go over them.

Once we incorporate his comments, I will be share the revised letter with HQ. Thanks again. Angeles